

**AMENDMENTS TO THE SPECIFICATION**

***Please replace paragraph [5] on page 2 with the following new paragraph:***

[5] An optical repeater is an apparatus with a remote antenna configured to function as an antenna attached to a base station. The remote antenna of the optical repeater is typically a diversity antenna for extending the service area and canceling a shadow area by transmitting a signal between a base station and a moving station in a wireless communication service region using the Code Division Multiple Access (CDMA) method. ~~[[A]]~~ An inputted RF electronic signal is converted to an RF optical signal and transmitted through an optical cable to a shadow area for transmission. Thus a shadow area is eliminated, and the service area is extended.

***Please replace paragraph [6] on page 2 with the following new paragraph:***

[6] Such an optical repeater includes a donor portion to process a baseband signal of a base station and to generate the RF optical signal, and a remote portion that interfaces to the optical cable and outputs a wireless RF signal.